

## ***Hydrologic Model Manager***

<b>Short Name</b>	WEBACAP
<b>Long Name</b>	Web based Area-Capacity Generator
<b>Description</b>	This is Reclamation's web-based version of the Area Capacity Generator that computes Area Capacity tables for reservoirs.
<b>Model Type</b>	Reservoir parameter utility
<b>Model Objectives</b>	Provide reservoir area and capacity tables for use in models such as RiverWare
<b>Agency Office</b>	U.S. Department of the Interior Bureau of Reclamation Technical Service Center River Systems and Meteorology Group  <a href="http://www.usbr.gov/rsmg">http://www.usbr.gov/rsmg</a>
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<b>Model Structure</b>	
<b>Interception</b>	
<b>Groundwater</b>	
<b>Snowmelt</b>	
<b>Precipitation</b>	
<b>Evapo-transpiration</b>	
<b>Infiltration</b>	
<b>Model Paramters</b>	<p>There are several parameters:</p> <ul style="list-style-type: none"> <li>- Interpolation method</li> <li>- Output format</li> <li>- Lower Elevation for Area-Capacity Table</li> <li>- Upper Elevation for Area-Capacity Tables</li> <li>- Initial Capacity (Dead Storage + inactive)</li> <li>- Dead Pool Elevation</li> <li>- Epsilon coefficient for least squares fit</li> <li>- Reservoir Name</li> <li>- Elevation and area data pairs</li> </ul>
<b>Spatial Scale</b>	
<b>Temporal Scale</b>	
<b>Input Requirements</b>	Some reservoir geometry
<b>Computer Requirements</b>	Web browser
<b>Model Output</b>	<p>Elevation vs surface area table</p> <p>Elevation vs volume table</p>
<b>Parameter Estimatr Model Calibrtn</b>	
<b>Model Testing Verification</b>	

Model Sensitivity	
Model Reliability	
Model Application	
Documentation	Limited on-line documentation is available
Other Comments	Located at <a href="http://www.usbr.gov/rsmg/webacap">http://www.usbr.gov/rsmg/webacap</a>
Date of Submission	12/26/2001 10:12:17 AM
Developer	
Technical Contact	
Contact Organization	